

Name	Dr. Miranji Katta		
Designation	Associate Professor		
Department	ECE		
Date of Birth	07-07-1984		
Date of joining the Institution	24-10-2011		
Unique ID	1-718038481		
Educational Qualifications	UG	PG	Ph.D.
	B.Tech	M.Tech., MBA., AIML	VLSI, BIO-MEMS
	First Class	First Class	
Work Experience	Teaching		15
	Research		06
	Industry		1.2
	Others		--
Area of Specialization	Embedded Systems, VLSI, Bio-MEMS		
Courses taught	UG Level		PG Level
	VLSI Design & Embedded system Microprocessors TV and Satellite Communication Probability theory & Random process Electronic device & circuits. Basic Electronics Ethics & Moral values Management Science UG Management & organization ctober . Principles of Economics and management. Electronic-I System model & simulation. Embedded System		VLSI design techniques Wavelet Transforms and applications Satellite communication & propagation array Digital system testing & testable design. VHDL modeling of digital systems.Business AnalyticPhysical design Automation Device Modelin
Research Guidance	Master's		Ph.D.
	13		--
Projects carried out	--		
Patents	13		
Technology Transfer	--		
Research Publications	International Journals		43
	National Journals		02
	International Conferences		18
	National Conferences		06
No. of Books published with details	978-99993-2-547-9 _ Next-Gen Diagnostic Sensors for Arboviral Diseases: A Multi-Layer Sensor Design_2025 978-981-16-9873-6_ Nano Science and Nano Technology_ 2019 978-620-7-99519-6__ Smart Innovation, Systems and Technologies_2022 978-620-7-99900-2_Simulation and Analysis of PB-Content Addressable Memory_2024		